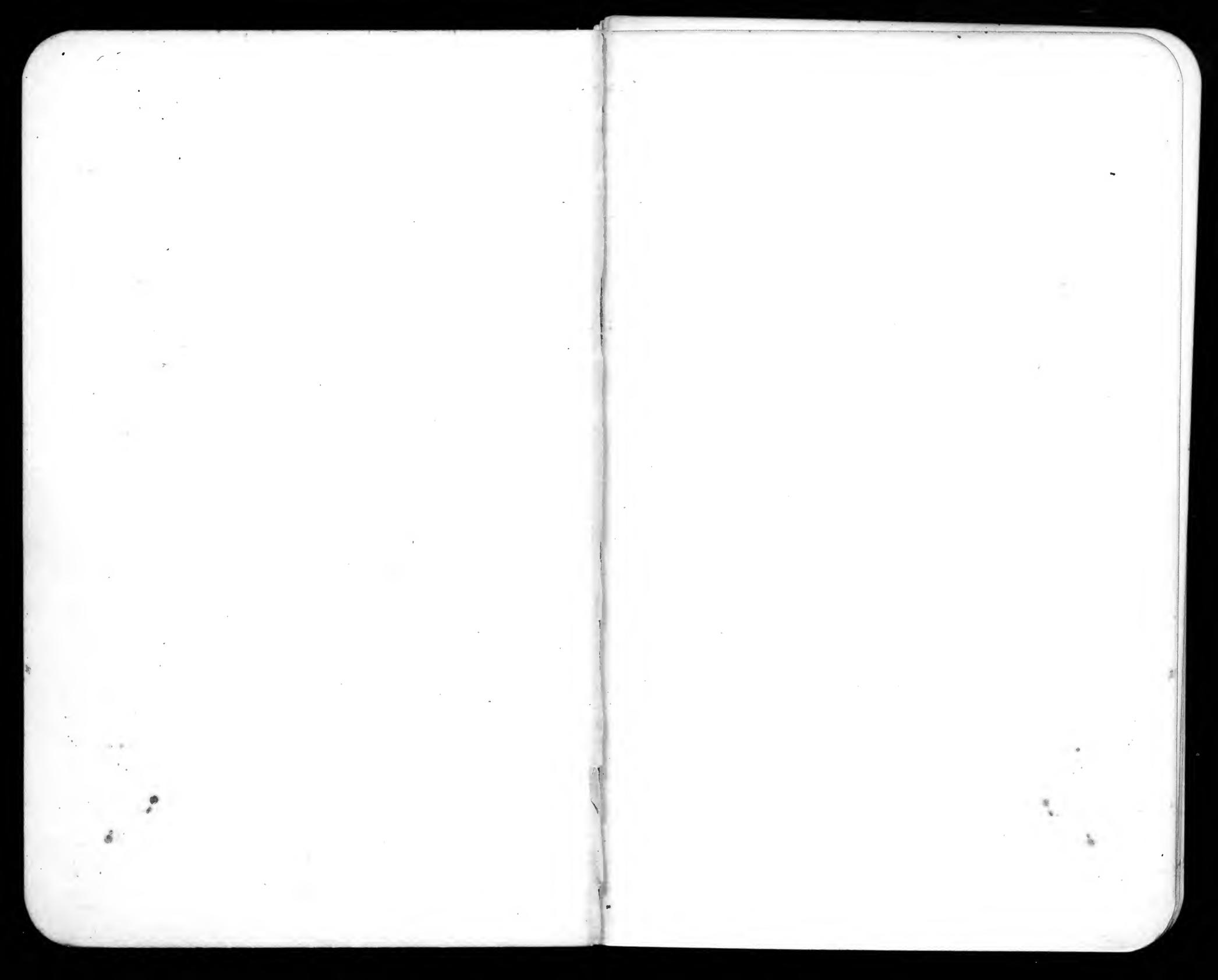
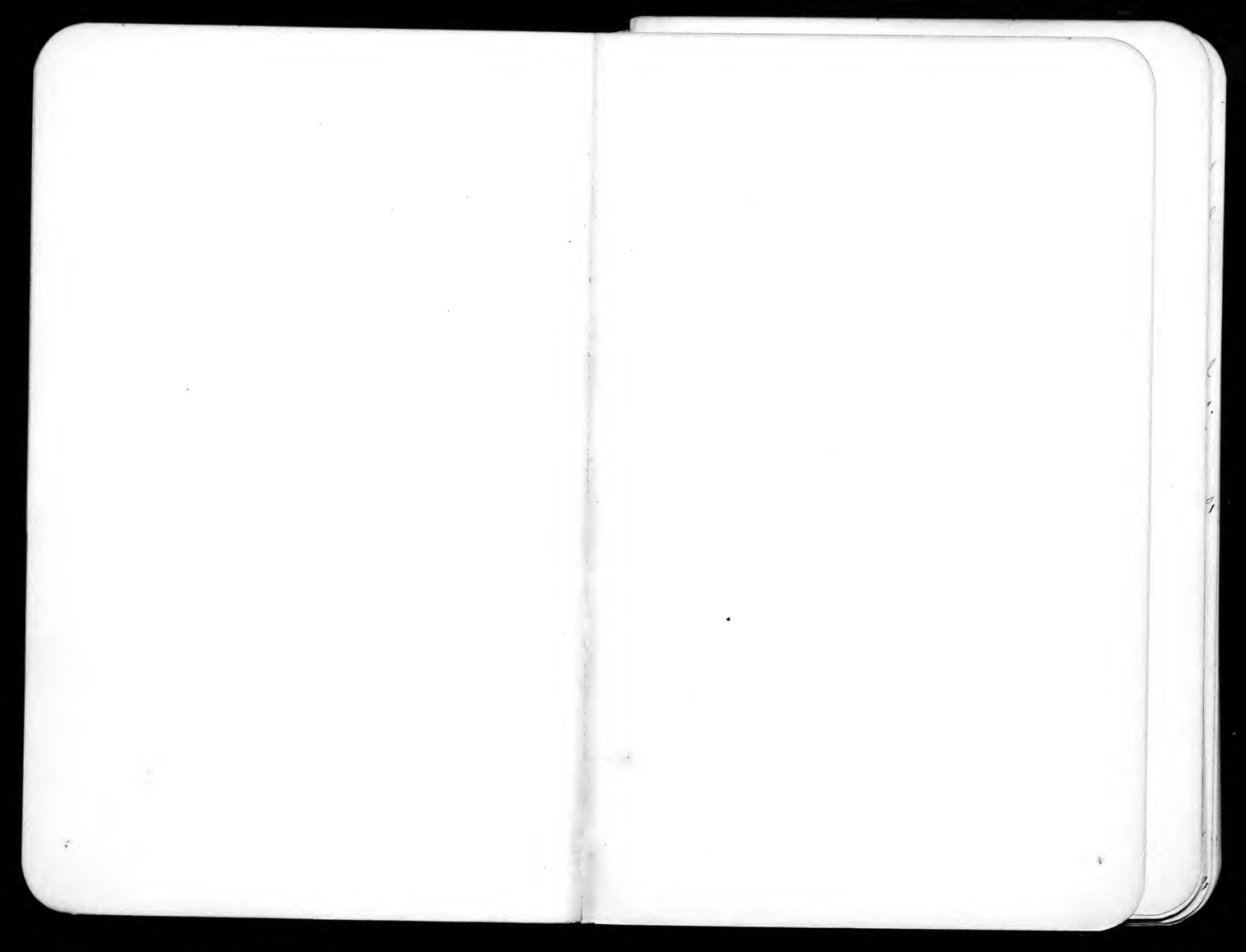
Journal min Bally







June 19 Got an Ivolian to take rue down to the Indian agency 18 miles from Wadsworth on the East side of the river 3 miles above where it enters Pyramid Lobe. and 6 miles from Winnsmusea Lake. Winnemicea lake is known to all the people beg as Wind Loke. Followed down the valley on west side of river o crossed wear the agency. Saw lots of Relicans. hundreds of S. wollis, 3014 S. Seneurus T bots of liggards o bourbods. Saw Crotophytis, Calisaurus, Cnemidakhorus, ra little Scalopous. Got opicineus of all vear the agency or killed some 5. wollis & 5. luneury! Carght on Thowarmys.

When is arow on some of the Miles wound. The vally is not very large of all around are Mits, direct ranges. Plants are all desert shreies. Inch as atriples confertifolia, Sarcototivs, verminalis, atriples canescens, of torreyi (?), Suaeda Lyssium (andersoni?), Tetrydinia comescens, spinescens, alternisia tridentata, of spinescens, Cottonwoods of willows giow on the flots.

Pyramid Loke, Nev.

June 20 Caught nothing in the tighs set over night. Could find to to tasks or signs of Dipodomys or Peredipus in norning before Epermenthibus walks had come out. Made of yestedays specimens and in ofteroon went down to Pyramid Lake. Mountains rise from edge of lake part of the way. some wide sand floats + great marshes of juneus & Salt grass v. other sedges + grass. High, rock islands in the lake look like pyramids or give The lake cits name. The store the walls was muddy. Cut aways The waves looked a brilliant green. There were fully 2000 pelicans sitting along the shores mean the mouth of the river. I vever saw such a sight of via bird before. Saw dogues of howses bot killed only on. Killed 2 S. liveurus + saw a lot more. A very pleasant day. Could find or signs of Depodomys en the sand comes around lake. Set some traps there but expect to catch only S. nollis which swarms.

# Pyranial Lake,

June 21 Caught overach of Perodifius of Dipodonups. Set a lot mountage for them. Have to set traps just at bank so the Spermophiles worth get in them. Yot 2 Bats in evening. a warmday.

June 22 Caught a Dipedanys + 3 Pecedifus + a Perognothus, Shot 2 Rafbits, 2 S. Lineurus, 3 Hawks, some ligands + a Evoke. Went down to lake, Killed 3 Bats. Cool - windy

June 23 Caught a Dipolary of some other things. Oftersoon over to a carion ocross on west side of vally but found very little of intent. Got some liggads. Found the littlewild frach to a telegia of punifers.

June 24 Went down to the bote, (Pyramid toda) got a boat of an brotian and went to the big island wear sinddle of lake. It is about 10 miles from no south end of lake to at the rearest point about a sink from shore. Is rocky, about 500 feet high and balf a mile across. An old shouling 50 to 100 feet above lake forms.

Pyramid Laks at of the way arom

a wese part of the way around. Found so birds bruding on it sow, Though Pelicans of gulls love bud there in great runbers. Found old vests. People said there were awarms of . Rattle enakes on the Island but I found only 3 Manies + 3 species of laggards. Spiders were exceedingly numerous. Howoups hills + evidently Perograthus holes well common of Medona signs were seen in caves. Vigelation is dry, but they is total some burch grass & alfilaira. Goats Love been put on the island of sew a ser tracks of trails. Fot some shells. I good stiff breize helped me in rowing back but was pretty fig worse.

June 25 Sunday, There was one Dipodomps in my traps Went to S.S., took a tray of warmals and talked to about 80 Lodians & a Jozen whit people about narmals.

### To Wadsworth

Twe 24 Careful some now things of mande up stains. Found I could go to Wadsworth in afternoon so murried up & facted shiomens & packed my trunk & started at 3:30. Got waif o wadsworth & weath littles in evening, took a 10 P.M. trainfor Elks.

June 27 arrived at Elko before
breakfast, Trawfed around a little to
this wrote on my report till room.
In P. M. Took trops of set for
- Microdipolops. Found some tracks that
I thought were thinks but guess that
were I young Perodipos.
Set 50 traps.

Perodipus, 3 Onychonys, a Sitomy, 72 tamias wininus. Took up trops + took 7:20 a.M. train for Hallock. Mack up specimens + in P.M. set 58 traps for Microdipodops + & for Lefus idahousis. Caught & Microdipodops in my looked. Learned sowething of their lobits. Savelove alie.

Hallick June 29 Caught 3 Microdyladops, Peroquethus 10 mychonys, 3 Sitomp sovorensi, 15 Tanias m. pietus, stof an S. mollis o B Lepus idaboensis. Made up la skins + orax bird, reset 61 traps, wastly for Microdipolops, Weather pleasant, nights cool or days not too lot. Wasquitas bad towards night. loo cold for them nights. June 30 got 4 Microdipodops, 3 Perograthus, 3 Sitomys, 6 Zamas, a Thowomys + an adult I spus ideloensis. Made up 14 skins. Reset & bailed all my traps after 4 odock, Then went them after surdown, from 7:45 to 8:15, and found The bait had been taken from rearly all of their by outs Rebailed them. Found 3 Perograthus in The hafs from 7:50 to 8. Sun sets at 7:12. a work is killing the sagebrush & lamas minimus is living on the worm. Have 70 traps set. July 1 Caught 5 Microaifodops + 2 L. idahoensis made up 18 skins. Hotday, up & 90+.

### manurals taken at Hallick

June 28
Microdifiodops, June 28, 2, 29, 3. 30, 4; Janly 1, 5, 2, 3, 32; 4th Tamias minitus, " ... # , " 15 " 4 ... 8 7 4 2

S. wollis 2 4 5 1 1

Perograthus fasciatus 3 4 6 5 9

" olivacus 2 1

Lefus idabouris 3 1 2 1 1 2

Sitomip 3 3 3 2 1 2

Cryclony 1 3

Thomorry 1 3

Titu

July 2 Sewday, Found 3 Microdificallys
Tone Lefus idebourses in the traps.

busides some Perognothers, Tannas or
Sitomys.

July 3 Got 4 microdificalofs & a going Lidebourses

reaught 3 of the big Howomes.

Finished & sent my Cyramid Lecke report.

July 4 Caught 2 Microdipolops and 2
hepris idologous and 9 Reregnothus & 100
Horrouge. Made up 15 skins and
2 skulls & overbidd. Packed a box of
opteiners, Packed my things, took of
trops and left falled at 7:42 P.M.
Found I would hove to take two days
for the trip to the Mts. so gave it up.

July 5 Reached Og den in worning.

Got no waif of account. Looked over wagens and inquired about losses.

Went down to Farmington and staig the rest of the day. Went up the Guts. back of t'armington but found & re- Lamings.

July 6 Went to Salt Loke City and studied aragons till tring for the train to Park City, her to Park City for S. castanusus skellows. Dedrot arrive till 7 P.M. + It was then too late for the signisted In coming along the R. R. M. Saw dozens of S. according from below the traffway House up tot Packe City. They are des numerous as was S. eligans through Wyoning, but not so numerous as 5, wallis at Pyramid Lake. I think They are four Times as uninerous as when I was bere 3 years ago yesterday. Saw a Lewis Woodpecker (M. Lorgustus) just before reaching fork City. amperfectly sure of the spices. It flow slowly past the train stowing The tawny side and black back perpetty plainty.

July 7 Started up the normain early and of a clock saw the first Spennoflatus castamus killed it and two more T a 5. arwatus, returned to botel, got weakfast and took the 8 and train for Salt Lake, where I arrived at 10:35 and had to wait till 4:30 for a train to Ogden. Looked over the wagons in Salt Lake Eity and wrote letters. Reached Ogden in evening and stopped of the European Hotel. got a Telegram but was too late for waif. Cold in norning of Park City. And to wear gloves of all the clothes I lad along. Saw a Weleneypes torquatus in the same place where I hav if last right.

July 10 Set traps on South side of river and caught one Periograthus alivacus in my bands. Looked up borses and picked out a buckboard and had additions put on it. Looked of more borses

9 gdun \_ Vuly Il Loring went to trops ogot our Perodipus: Sport wast of the day in picking out and brying bosses. got a pretty good team for 75 and Loring got a saddle borse for 25. Had then stood, Found a wan that I gress will do. July 12 Moved our outfit down to Stakers farm and camped. July 15 West of Ogden Caron to Paradosi
10 miles from Ogden. Saw Some Spernophilus arnatus, but vo other new warmals for the locality. Came back in time to set out a lot of trops. Lowing killed a beg gull on Weber River. July 14 Went after my saddle barse and then get him and Laxings horse shool Set traps in evening. Caught some Perograthus and Porodifus unoring

agden + northward July 16 Sunday, got some Peroquathus and Perodifus. Our best tram horse got kicked and is law. July 17 Pocked up and moved up the valley to veen Hot Springs. Our horse was too lane & walk so we got another horse and left it. Will send back for it again in a furday. July 18 West Rast Hot Springs about a mile and turned up to a caron Set traps up the caron. July 19 Caught only a Meotono circles and Stot some Tannos dorsales + birds. Losing west back to again and formed our horse still two lawe to travel so traded her for the one we borrowed. Now we are all ready to push on To Bear Lake. a bot day.

Vuly 20 Started from camp at 8 a.M. and followed up valley 12 miles to Brigham, killed a Cottentail and now some Jack Roberts From Brigham turned east and followed Bexilder Creek up through the caron to the little town of Mantina, then turned to the north and crossed the divide of the Parge and struck down another creek to Cache Valley and camped at Wellville Carry about 30 miles! The diveds was not high and a good road all the way. Men the ammit we killed a Tarivas minums and just on the west slope of summit killed 3 S. arwatus. . Mentrá is in a pretty wountain pack but sheep love eater to hills all around ball. We crossed & sumits with a bosin and little late between. Oh 15 Herring gulls in the lake we tilled 'me and found its stavach full & criesto. Word the crubes the linight trees and shubs are acerglaberinus, Populus argustifolius villon, alunes, Samboeles. Betwee occidentala Cornins, Pegusos aceroides amelanchies, rose, Courthy side hills are Lumpers, since, Cerescarias Cowania

Wellsville to

July 21 Cache Vally is 8 02 10 wiles wide at this point. It affears to be a very long valley extending out of sight both ways It is! well suffling with water, Little BearRiver running through it and numerous side side streams coming down from the coveres. Most of the cally is cultivated. Houses T towns are anwerous. It is The best Valley I have seen in Wah. Baring to the east we crosed the vally and passing through Hymm we struck into Blacksmiths Fork Caron and followed up it about 8 010 wills and camped. Found a fairly good road and easy grade The cara is varrow and the sides high so there is little fertile land in it. 2013 little ranches, a good sized stuam comes down it, some 40 fut wide and 2 feet deep and very rapid. The ents. along each side are not very high. Sheep have eater off nost of the giass. Douglas spries coveres the upper slopes and comes down into the caron in places, Junifes and ircoeashows and a Convania or Purshing an common. Betula occidental + Populus argustifolias and Willows, alune, amelanchies, Cretage

Prumus auchicana, & Cereocarpus parvitolijas the bottom of the Caron along the striam, Populus tremutaides 7 Cereocarpus adifolius 7 Spries + Willow and Ceanothus grow on the slopes. We canofied at a vice little weadow by the creek, cawfed early and climbed up the ridge but found wothing of account. Saw lots of Derthacks and Long stot 3 Bluegrouse, Killed & wade up a S. aswatus, Law 2 S. grammusus at lower end of cavar near toll gate. Did not othike awaters till we can feed. Killed ove boat. Set some traps. Didnot love time to calch any fish. Law one Tamies, probably minimums, others beard. Saw Lynx tracks a lot day, a thunder slower fassed vear us in P.M. amelanchies bessies are abundant in the caran and the largest & niest Lever saw. Jellow currents are also about Came about 18 or 20 mils.

Wasatch Uts.

Vuly 22 Caught & Perognothus of Mestons Loing got 2 Neotonas, Lynxes took the tote from our trops o tracked all dory the road. Started early of followed up Blacksmiths fork to head of caron, about 5 miles, then turned to the north and climbed over long slopes up rup, then down to another branch of Blocksmiths fork, then over another ridge or down to another little straw that was nearly dry and camped, We are probably still 10 miles S. W. of Laketown. Should think our altitude was about 9000. In coming up the cavor we saw Tomia dorsalis + lots of S. armotus + 5 arctorys + 3 Tarrias of castanums. Loving killed an arctory & 2 castanions. Tanias minines was convor wort of the way 8 we killed what we wanted. Shot & Bevelingspy The young are about loff grown. We anged wood of them. We each killed a Pine Daniers Saw Bear signs. Some other fellows sawa Bear obout a wile from our eaugh. Killed some new budg. Let a few traps, Wasy skins. Hunted a little. Rained a little in P.M. Sheep love eater up the cornery.

July 23 Sunday - Cought votting in the few traps we look set. Went for a long ride over the ridges and saw some Bear signs, saw where are lod graved the back off a popule and rupbed some brown lois off an another tree. Saw a let of Eage hers and killed sold oves. They are good and do not taste of lage. Some families plants are common here around cauch. Potentilla fruticasa, Frazera speciasa, Peutstewon barbatus; and Gilia agrigata besides attenicia tridutata a. cava o a. Trifida au common, Fragaria glanca and Quelauchies are common. I sendotsuga douglasii and abies (concolor?) · are the gray confers seen. Junifes o Exercapes and fopulus tremuloides and licer globerum are the principal trees. There are lots of grossy park like weadows but the grass is short and growed down by cattle and sheep. Where sheep love run the ground is worthy bare of grass of small plant. heald night and posting worning. a coolday & cold evening.

July 24 got an early start and came down to Laketown, 12 viles, and camped at south evol of Bear Lake. Came through a park and does grother divide, They followed down Cottonwood Creek to the lake. Passed some better places to camp and collect than we lod seen before, but did not stop. There were some deep earons full of timber and splendid grass all over the high part of the range. Passed a camp of Stockone Indians with a lot of version drying and some durs tongues and hides hanging up. Passed a good dol of Pinus unregar but vo other pines. Sprices and other trees as before. We came down a not very steek slope along Cottonwood Creek for about 8 chiles. Probably did got chine down now than 2000 feet. Beardake is just 6000. Was much pleased to find my ameroid of the lot. Shot a big Weasel just as we started and Shot sowe half grown Sage grouse. Struck Populus avgustifolius agan when half way down the slop. Set trops o slot a Parcuping.

July 25 Caught one Files, 1 Mink, 4 awicola lorgicanda, 4 Sitonys, 2 Zamias, 25. armotis, Loring got a Fiber + a Musumusculus and stat some bird of a bot. Made up skins. a cool day and Lain in the Mts. around. Bear Lake is a lovely sheet of this wolls surrounded by mountains. It is about 30 miles long, The Atts sast of it are low and sprinkled ovel with Juipers. Wasen the west-Bear Loke Illo .- are higher and could it the similes with heavy coniherous fourts, wherein are several pay wills and rails of logs are hauled down from Them. The people of Laketown are of Mornons. Hesterday they were all out to the grove cultrating the 24th July-Proved day - The day on which Brigham young I party reached Salt Lake Vally in July 24 Caught a few things vanada their up in forevoor. In P.M. wade out out report for the trip from Ogden & for Laketour

# BearLobe

July 27 Picked up our trops and started voith before a velock. Followed up the east side of Bear Loke to a big spring some to miles north of the and of the wain lake and camped. Followed the lake store all the way, Passed sweld ranches, Killed 2 arctorup and 7 S. castamurus on the rocks vear the lake. Killed several Cottontails and Loring got 2 Lepus compestris. Saw 3 Coyots and lots of Tanias uninum & S. armatus. found a Peroquethus in one of my traps. Saw some vew birds along the lake. a horned gribe came up close to store and just as I was going to aux ber 2 downy young swam out from the grass one caught bold of the old birds feathers and the other bold of it and she swam rapidly, towing them after ber. Then one let go and the other climbed up on ber back and crawbed under ber wing. She waited for the other which also climbed on be back and went under the other wing. They went under the scapulars and were entirely out of right but the feathers were raised! We old gicke then swam which with their

and when I slot at the I which kept wer them, she door and remained wells water a long line, probably balf a universe. When she came up to scapulars were still raised slowing where the young were. Set traps and wade up skins till late. Camped mean the loke with grass and good water but so triuber. Bushes ping the lake slow part of the way. /Letula occidentalis and willow are the not common. Black, yellow, and red Currents. and R. Alexeum, are obrivalant along the foot of the hills in places. The 5. tol S. castavurus an living on Them. anelanohies bushes are common but the beries are small and dry. From St. Charles northward the chareces of Bren Lose clarges, Infact it is another lety quite seperate and called Mud Lake. It is about lay open water and half Tule, (Juneus Coustin?) The water is shollow usually 2 or 3 feet deep. It is scattered around in pords that connect by cramels. The tules are high and think and of a black green colden

July 28 We caught 10 Perograthus, some Sitory, Lower get a Skink of 2 Wotomas. Started of 9 a.M. o vached Montpelier of wow. Got some supplies and their turned east up Worthelier Crick and camped about 10 willy from Montfelier, averaid und 6100. I Wortfelier at camp 4750 at 6 500 Betula occidentalis + Populus avgustifolius stopped and Populus trumlaides T Pseudotsinga & Pinus flifiles began. in the cavor. Easy grade, and vot wich canon up the crebe, Word of the timber las been cut. willows and littly weadows along the stream - Trout in it but we got but one. Found arvisoly signs up ora side of Mits. and set a sof of traps. Made up skins in leving till 11.

Montfelier Creek Idalo.

July 29 Caught save avelovede brigiender + 3 Phaenoconeys, Some Ditarys 7 2 Thomas clusees, did not stop to wake up skins tollowed up Montpelies Creek a few wiles and then over a tong redge and down on another creek, then overanther judge and across another creek, over another vidge and camped vear the lofe by a little elsing. Becaute uad 6550 at Camp at 10 a.M. and 7500 when we camped of 3 1. M. Came obout 10 miles. The wormlains are not very rocky but love a good soil und an will rounded to covered with vegetation. They love been well wooded but the pine I spruce dorest ove seen watty burned. Populus trimuleides formes acuse Tirekets muryain a to flipplis cover some of The worth slopes; Streams with willows brush line the bottoms of the gulches. Lound 2 old Beaves pards I some old cuttings along the bank Made up skins & set taps after Confung. Kelled 2 haines, + a S. castanny Metomy are conver of Sources . Kell a Porcepting

# Prueso Att. Idabo

July 30 We got some & Silony, Tamies
of two spicies. S. castamurus & Sciurus &
Thomonys. Went up a prote S. E. of eauf
and saw one of the Tetons away to the voille.
Saw some big arctorups but did not get anySome transfer cam along & told as that we
are on the head of Crow Cruk but still
20 miles from Stas Belly.
We call it Sunday but are not very sure.

July 36 Whent whom high ridge at daylight to watch for arctary & while watching Laring daw a black bear across the valley We went ofter to a Love all the thicket for several miles but did not find it Got back late & had a lot of things to skin do covoluded to stay all lay & et traps again. But of us put up 18 manwoods & ret 65 traps.

a Sorry to lot of Sitomy. I got a Zopus a Masorer, 3 arbicola & lot of Sitomy. I got a Zopus a Masorer, 3 arbicola & lot of Sitomy. Broke Camp early and followed down Crow Creek & Star Valley Crossed the volley to after and their followed.

South up the valley about 8 suils or camped. Came obout 30 or 35 miles. Camped of 6 P.M. & wade up our manusels. Star Calley is about 6 450 feet high is well watered and parts of it are pive land. Where not irrigated it is barren. Hardly a trace of upper sovoran comes into the vally. Spruces cove down The cavours to the edges all around. a few Populus avgustifolius are the only lower gove plant voticed. Betula vecidate grows along the streams, Very few warmed signs votied in the vally except S. arwatus or thorough or Badger lok. We saw one Weasel. arrived read 6450 in bottom of vally 8 6950 at camp in S. end. The ruts along last side of valley are higher than the Preuss Range of some of The peaks seem to Love a good timber-

#### mountains

The boros got lost in the aug. 2 brush & wed did not start titt about 8 oclock, Tollowed up to the head of Salt Creek + then over a high ridge and down out the head of Smiths fork, then up ove of the branches and over another ridge. Come about 20 eniles over some of the worst road I ever troveled. The horses refused to hauf for gus +I had to drive over the wordt of the road. Camped one top of a divide between the heads of Smiths Fork + La Barge Creek Baroweter rad 6850 in waring when we broke camp and wherewe camped ot 6P.M. 9050. The ground is tramped o ester bace doughte road by herds of shief or borses. alivor of 180 borses is going just ahead of us, from Pevalletory alegois, to Kansas. Saw little game along the road. a few new birds + Loring got some S. Castanurus. after camping lot went out of got sowe grouse o Squirels + Lagains, Sont Deer & Elk tracks:

Wyoung Mits. aug 3 Hunted before brokefast o did not get a very early start. Climbed over ove range + down to a branch of Smiths Fork, Ther over nother range or down to the head of La Bage Crick. after crossing La Bage we turned up a rover of came a mile without any road & camped on a redge dividing La Bage + Group River. Heavy fourts of Pieca evgelwani, abies concalor, Pseudotsega + Pins placifis P. muryava cover the mits. excel the parks of strong ulohes. The roads were fearful. Cause about 8 miles. Baroweth reads of camp 4100. Horse flys are so thick we had to build a shed of spruee boughs for The lorses. Feed is spludid. Sit traps for swall things - for Martins. Sew on Deer. Deer Ell tracks en common i

a wolf howled when we started a firs in evening. The first begands of wer heard. - Made up skins in evening.

Wyoning Mts. Mug. 4. Caught a Zapas an awieda, 2 Red Squirels, + a Martin. Long got 7 Zapus + 2 arricolas + 2 Sitorys + shot a Lepus bairdi. Made of skins, set traps + hunted. Killed 6 Lagorays + some Tamas + a S. castamins. Saw arctings of a Lipus. Loing took two plats of the Muster. a warm day of the flies terrible. a sprinkle of rain in P.M. Wig. 5 Mither of us caught anything of account. Took our forsest vent around 4 or 5 miles to bose of the main peops t climbed one that reached well above timberling about a mile south of Wyoming Part: The Baraneter read 9100 of camp & 1/400 on top of peak. We extreme upper timit of Timber on S.W. slope wached to 11000 fut. There were great banks of soon thundreds. of littly streams The peck we were on bod a broad top o was covered with grass or plants to the top. a beautiful lake lay just below the feak on the last rids. It is probably 9500 feet. To good stream runs through it.

Wyowing Wits. The usual affine plants were in full bloom dove timber. Oxalis Rammeulus, assia, animore, Tydrofhyllum, Myrasotis(!), dwarf composites regilias + Carejes - Luguli. Elk o deer tracks were numerous at timberling & sheef tracks above, but we saw no gave. Rabbit pills were common to the top & large. There were signs of Lagohus but we saw row. a few Lagonys were seen + beard. 5. lateralis + Seums T Tamies were of to timberties. Howomys was abundant to the top. Otocaris were in flocks or we saw a few author what secured to be a Leucostioli. I shot a Spernophily at 11900 that seems to me a new spicies. got back at 6 P.M. Have a lot of things to water of - want to leave her in the working. ling. 6 Caught a Sorex a Zapas, a Setangs I an arvicola. Long caught a lot of Zopus. Had a let to do before starting A did not get started till 11:30. Followed'

down La Barge Creek about 6 miles + then

up a low ridge to the east and over a low divide & down to a branch of Piney Cr. With a gentle descent for about 4 miles we struck Piney Creek and following down it about 4 miles camped for the night, Came about 15 miles I quess. three rain slowers struck is and the afternoon and spoiled all the baroweter vadings. It varied up & down 300 01500 feet at a jump without any charge of altitude. at camp on starting it read 9300 ton the divide 8900 + at camp on Piney Creek 8000. These are probably approximates The divids was the easiest crossed except ove short hill that was so stuff it stuck us I we got a hoveles to houl is up with his mules aread of our team. Saw 2 fresh Evantiacks along road droor the willows for oboit a will along La Barge Crek but did not start ove. Passed through fretty country, weadows + parks along the streams + think nive of spruce timber. good grass where the sheep love not taken it all. Saw 2 large droves of sheep. Found S. anvotos + James minus in the laver parks,

# Piney Creek

ang. I Tollgroed down Little Riney Creek
about 10 miles through an open caron out
of the wountains and out onto sage
plains. Crassed some low wesas +
plain to a fork on north side of kittle
Princy and then across were plains to
Big Piney Creek and followed down it
obout & miles to Big Piney store and
Past office T camped. Come 25 miles.
The aberoid worked all right again, reading
at starting point on Little Piney 8000 feet,
at edge of sage plains 7500, at camp on
Big Timey 6400.

Conifers reached down on S.W. alopes to about 8000 fut + on W.E. slopes to 7500.

Soughas africe + Pinus flexilis carre the lovest.

Populus tremulaides carre searcely lower.

Populus angustifokius was wet at like or fut.

We saw Logarys at 1850. Killed one

Shemophilus arrotus at 7850 + saw them down to 1500. Killed the first S. elegans at 1500 + saw them down to 1600 + saw them down to 6400.

Saw Cyroup boles at 7000 + Louing killed a C. lenevius at 6500. Badger loles runerous.

Staid allday of Big Pivey and wrote report — Iwrote 20 pages and Loring wade out the bild refert. Had a splundif driver of boked Wallards.

aug. 9 Started early, crossed the North Fork of Green River and up the cast side to about a rule about where New Fork joins it and camped. Did not go over 10 miles. Found a good ford across The river with the water just the buckboard box. Saw about 40 austelops but could vot get a stot. survove Corpote and probably 50 Lefus campestris. Never saw them so musierous and tame before. Made up skins and set a lot of traps. found lote of fasall wood, ling. (0: We caught 26 Silanys, allestowa 4 Thorrowp, and shot a lot of other stuff. Followed up New Fork 5 miles crossing it twice + struck the Lander Road, then haveled 15 culs across dry plain with little else than sture Sagebrush. Camped on the Muddy Creek, Zawe

about 20 miles. Killed Lots of

things along the road and worked late without finishing them. Saw a lot of autilities and 3 big wolves, Found a lot of petrifies wood by the road. Wheavy host in waring. Cooldar. Baronetes is cranky of pumps all around.

ring.11 Had to work till 10 oclock to get our last rights specimens skined so got a late stort. Struck the Big Savdy in about 10 miles and crossing it just where it cowes out of the foothills went on about 10 miles farther, crossed the Little Sandy and camped one ove of its branches a coufle of wills beyond. Saw lots of Sage Godse and some ducks Got a Badger + Spermophile + Tamias & Loring shot an Whipute. Have a fine place to camp in a weadow anong willows with pives on the rock closeby. Worked till late putting of skins. Came obout 20 miles. Keining in overing but warm. a heavy frost + fruge in worning.

Mrg. 12 We stoffed to kill 3 Woodchucks and did not got of till about 8 oclock. Crossed nuverous ridges and creeks with good road except for long hills. The country is foothill along south end of Wird River Wits. and probably 7000 or Sovo fut ligh. Lots of Nocky bodges & cavous and scattering pines over the rocky rudges. I. flexilis is the west common, sowi 1. murryava seess + a little spruce. Visbets & poples all day or wadows with willows day streams. Corassed the Sweet water K. + several buncher High wesas & flat topped butter stretch If to the sail! The Wind Kivers as Elose on the worth and quite heavily Timbered along to side, waching fair above turberline. Reached South Pass ty about 3 P.M. T

went on Through atlantie City of camped half a winter beyord. Got supplies but the towns are little mining camps wearly abandared, a store & foot fier in each

my part of the report along route to green R. Basin. Loing has not got ins fird list ready to wait.

Hod a boos blace to come so started on T cambed in a vice little grow! I we adow just fast de Camp Stawbough to heavy rain come up T we camped in a hurry T but of tent but it did not sain love. Chared of T we bad a pleasant afternoon: Still ove days travel just Lander o wait.

arg. 14 Started early & forsing through
the old camp of Minera Delight Crossed
a 2 long ridges of down into Red Caron
followed it about 6 or or wills and then
over ridges and low country to Lands
when we arrived of 4 P. M. & found
Dr. Bagg waiting for us. Came 30 with
with party good roads and a drop of
vearly 3000 feet. Found plenty of
Cyronys lencurus in vally. Lands is
a since town of probably 2000 population in
a shlowlind farming vally.
Campled of dage of town.

Lander. ang 15 Sport the day in mobile up a fin warmals, getting supplies, facking spleiners + witing. Effect to leave for a two or three weeks trif to the Wind R. Wills. Warm & pleasant. ang. 14 Left Lavar and passing through At. Washakie camped on Sage Creek 7 miles worth of the fors. Saw Capt. Ray and got permission to sampony when on the reservation ingotound a lot of rips Chokeehersias + currents I Rull berries along the lakestone. The lake is probably a will wid in the widest place - wost of the way it is various and crooked! It is deep with rock bottom in places. Is an old glacies bud and of the foot of the lake is a great dam of invense boulders and dibris, of the terminal worain. The water of the lake is very clear + quite dold. There well about 1000 Widgens in upper end of lake of we got 4. Campel about 2 miles above Buffalo Lake at the farthest point that a wagon can Mach:

ang. 18 The wasquitos were so thick we could not slup + the lorses were nearly crazy. Coveleded to have the wagon and pack up the guits. And the harness + beartish + some other things and left the wagon out in sight. packed all the rest on two larges & followed about I embes up the creek or then obout 2 miles up a stup slope on the south side of creek and camped in the sprice spir triobes. It the averoid of 5800 of the Loke, which Coft. Kay says is the altitude. at camp in the pives it read 1800. Sew blok den ralk tracks ra ben trade. a bot day. ang 19 Went up the wountain about 2000 feet above camp with Dr. Bagg. Killed sowe Lagarup only. Sow To large game but a few dies, elk, o bear tracks. Wrote on report o got Thing ready to go up the Mits . Toworow ang. 20. Dr. Bagg & I took our saddh horses of a pack barse with ords provision + traps and followed up the ridge and over the who of two nages

and camped in a great ofen basin or park at 10 ovo feet. There a lot of little lakes in the park, I warshes to shaws · and a crest of rough Ills. ralf enclose it. They keach above Truberline and great banks of snow his on M. E. slopes. Camped in the basin + set traps above Tuberling. Sawa Griggly and fired 3 shots of him but could not stop him. He was above timberline turing over stones to get ants. Was a good sized silvestip in fine pelage but looked gamet & rangy. He tran fait. Set 18 traps above trubeshine. Killed a few swall things Rained by spells aug 21 Caught only arvicolos at timbeding Went up on a peak to 11800 feet and Dr. Bagg shot a warten and saw 3 woll chasing Lagorup awing the rocks. Saw volleige gave but some bieds + Lagarnys I saw woodchuck dung & breard them whistle at 11700. Set traps in pack, sawa Dulpos macroums. Raised in P.M.

Wird River MD. aug. 22 We horse-flies were so bod yesterday the houses could not stand it. We had to blanket them + the them in the shode. Concluded not to stay any longer so parted our borse or started down to camp. Shot as aretony + Tamies. Caught some arvivola - Sitomy a Lox carried off some of my traps. On the way down we shot a Devdrogopus Reached camp at loclock of skinning my wannals' before dack. aug. 23. Mood camp from 77000 up to 9600 feet. Camped at a spring only 400 feet below M. E. Timberling ang 24 Caught som Lepus bandi + other things I wade up a lot of skins a hard front. ang. 25 Did not catch much, Went down to where we left the wagon t found everything all right. ing, 24 Dr. Baggo Loring went over to the next ridge & camped above timberline Mug 27. Soined them at timberline. Killed a Bodger Ung. 28 Came back to Camp. Loring got a fox. My. 29 Packed down to the wagon at Lake.

Zander Lake to H. Washakie Raised in P.M. + all night. aug. 31 He roads are very muddy & bod Reached Lander at 3 P.M. ogot wail. Sept. 1 Made out reports + got some.
nicessary supplies + wrote some. Sept. 2 Finished seports & packed speciwers. Loring is sick of not able to do much. Sep. 3. Sunday, a quiet day in camp. Sep. 4 Packed up at started for South Pars to get Sciurus. Dr. Bagg + Loring Start worth for larger gave vear the had of Wind River. gus + I followed our back track through Kind Cavon T camped and the next stream ofte: passing out of the coron. Camped at

7000 feet. Killed a 5.13 lineates pallides +

Caught a Thowony cluseus.

a hot day . T cell up hill.

### Distances

Ogden to Bear Lake (Laketown)	80
Ogden to Bear Lake (Loketown) Laketown to Montpuber	30
Montpelier to aftoir	50
Star Valley (after) to Big Pivey	75
Star Valley (after) to Big Pivey Big Pivey to South Poss	75
South Paps to Lander	40
Lander to Bull Lake Camp	50
Lander to Buffalo	265
Buffalo to Powder River	50
Powder Kiviz to Morieroft	90
Mooreroft to Newcasth	50
	855
Sidetrips	110

Sep. 5 Came 5 or 6 quils 8 camped on a little Oreck about 2 miles west of Wivers Delight. Judging from the waps. T listances along the road it is about 6 miles worth of South Pass City. There are groves of Douglas Spruce or Vinso flexilis of 1. murryava on the side hills + Sours penorti au convon m them. Shot Tim one small grove in all killed 10. Shot the co squirels, ove S. elegans, 3 Tameas minums, Ta Sagehun with the arex. + did not missa shot or foil to kill dead. Camped of soon but. Sep. 6 Killed & Sours, I lamas, Caught an arricola + a Sictorings of the Mirestras Made up 14 manuals of Sep. F. Caught & wore former valleson

TShot & Seiners. The wind below so of could not find Seins + in P.M. I grew into a gale with some rain o turned cold. Caughta Badger, Made up 2/ manual. Sep. 8 Evowed by spells all right, cold windy

started at 7 & riached Lander of 2 P.M. warm in vally, Got 3 Pheracomys & 1 Sitomy,

Sep. 30 Dr. Mirrian left yesterday from O sage where we camped over night. Rained + blew in night so I could not get Ked Equiruly of Chipmunks, Made whoking + startel for New Castle where we arrived of voor. Found Mr. Bisself & Mr. Mordell of soon found a place to pasture borses & store outfit. Disposed of all before 5 P.M. but still bad my splanners to packs ship. Saw bout 12 Sialia sialis, + 26 Cyasochlalus cyavocephalus, +2 Pieas - rustica hudorica.

artinisia tridutata, cava, + prigida are

Krunk Kla en owe or luce Braken 12 Byhon Basic Redbank Pumplem Butta 84, P Broken Hile Borrelu 15 Belle Franche Val Phermorn

Mermio

abundant to Mewcastle.

with C, tim (Sept 8 to 29

